

62. (New) The method of claim 61, wherein the extrachromosomal vector further comprises an expression gene.

63. (New) The method of claim 62, wherein the expression gene encodes an antigen.

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Concl.  
64. (New) The method of claim 63, wherein the antigen is selected from the group consisting of a bacterial antigen, a viral antigen, a mycotic antigen, a parasitic antigen, a gamete specific antigen, and a tumor antigen.

65. (New) The method of claim 31, wherein the antigen is selected from the group consisting of a bacterial antigen, a viral antigen, a mycotic antigen, a parasitic antigen, a gamete specific antigen, and a tumor antigen.

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#### Remarks

Claims 30-33 and 35-65 remain pending in the application. Claims 30 and 31 have been amended to more particularly point out and distinctly claim the invention.

Support for new claims 36-65 can be found in the specification as follows:

Support for new claim 36 is found at least at page 32, lines 28-29.

Support for new claims 37 and 58 is found at least at page 33, lines 2-3.

Support for new claim 38 and 59 is found at least at page 33, lines 4-7.

Support for new claim 40 is found at least at page 11, line 12 to page 16, line 3.

Support for new claims 41-44 is found at least at page 13, line 7 to page 16, line 4.

Support for new claims 45-46 is found at least at page 16, line 5 to page 17, line 6.

Support for new claim 47 is found at least at page 18, lines 1-6.

Support for new claims 48-49 is found at least at page 19, line 3 to page 20, line 7.

Support for new claim 50 is found at least at page 20, lines 8-21.

Support for new claim 51 is found at least at page 21, lines 3-20.

Support for new claim 52 is found at least at page 12, lines 7-8.

Support for new claim 53 is found at least at page 22, lines 9-18.

Support for new claim 54 is found at least at page 22, lines 19-23.

Support for new claims 55-57 is found at least at page 24, lines 6-29.

Support for new claim 60 is found at least at page 33, line 28 to page 35, line 12.

Support for new claim 61 is found at least at Figure 4 and page 46, line 22 to page 50, line 7.

Support for new claim 64 and 65 is found at least at page 36, lines 15-24.

Respectfully submitted,



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